From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: john dorson <jdorson@bbs.mpcs.com>
Subject: [9167] 2SC799 needed
Message-ID: <199605301655.MAA17035@bbs.mpcs.com>

I just de-bugged my 49er and found the final (2SC799) wide open and I can't locate
any locally.

If anyone has one they could part with I would greatly appricate it.

Please send to :

John Dorson KA2GYH
3236 Sand Duned Court
Melbourne Beach, FL 32951

Let me know how much and I'll get it out ASAP...

Thanks...

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [9180] 2SC799 NEEDED
Message-ID: <6874@sugarland.ampr.org>

Bill Hickox at Tejas Kits , 9215 Rowan Ln. Houston,TX has lots of
2SC799s with removable heat sinks attached on sale for 2/$3, 4/$5,
12/$10, 25/$20. Ask him for a list, he has lots of stuff like that.
72,
Bill, K5ZTY

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: john dorson <jdorson@bbs.mpcs.com>
Subject: [9172] 49er fixed
Message-ID: <199605302019.QAA22591@bbs.mpcs.com>

Thanks for the help in finding a substitute for my blown final. The 2n3053 works
fine giving abt. .7 watts out with 12v supply. good clean signal.
will be putting into case in a day or so..

73s John Ka2GYH soon to be back with old call of K2JHU via vanity call sign.

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: "N1OOQ Tom R. @ MRO1 30-May-1996 1018" <randolph@est.ENET.dec.com>
Subject: [9161] Argo 505 is up!
Message-ID: <9605301433.AA05906@us4rmc.pko.dec.com>

QRPers,

Last night I finally sat down with scope probe in hand to find out why my shiny old (well, it ain't new!) Argo didn't have any audio. Hooked up power, turned it on, started shuffling through the manual to find likely points to probe. While I was sitting there, a sudden loud buzzzzzzZZZZZZPOP! came through the speaker, and I was done. It works fine now! Any thoughts? I figure it might have been a dead electrolytic that reformed with the occasional 12V help I was giving it...

So there you go, a working Argo 505 for $75. Now I have to get the dial cord re-strung. The previous owner tied a knot in it!

I went through most of the alignment last night. Everything worked, except I couldn't find any peak at all when I tweeked the 10m receive trimmer caps. I don't really know if I had too little or too much capacitance, but there was no change at all. The other 4 bands had pretty sharp, obvious peaks just before the compression trimmers were fully seated. TX output was a little low, 1/4 to 1 watt or so, but I was running off of a crummy homebrew power supply that may have run out of current to feed it. I'll try it on a gel-cell.

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@est.enet.dec.com
==========

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Don Pfister <76606.3460@CompuServe.COM>
Subject: [9149] ARRL bulletin...In case you r interested
Message-ID: <960530035628_76606.3460_EHB90-2@CompuServe.COM>

 FORWARDED MESSAGE - Orig: 28-May-96 23:51
 Subject: URGENT ARRL NEDIV BULLETIN
    From: Michael L. Ardai > INTERNET:n1ist@netcom.com
      To: Don KA0JLF & Cris N0XZB 76606,3460

Sender: owner-w1aw-list@netcom.com
Received: from netcom19.netcom.com (netcom19.netcom.com [192.100.81.132]) by arl-img-1.compuserve.com (8.6.10/5.950515)
id AAA16563; Wed, 29 May 1996 00:42:40 -0400
Received: (from daemon@localhost) by netcom19.netcom.com (8.6.13/Netcom)
id UAA16434; Tue, 28 May 1996 20:17:10 -0700
Received: (from n1ist@localhost) by netcom19.netcom.com (8.6.13/Netcom)
id TAA13680; Tue, 28 May 1996 19:46:49 -0700
Date: Tue, 28 May 1996 19:46:49 -0700
From: n1ist@netcom.com (Michael L. Ardai)
Message-Id: <199605290246.TAA13680@netcom19.netcom.com>
To: arrl-nediv-list@netcom.com, barc-list@netcom.com, ema-arrl@netcom.com,
fieldorg-l@netcom.com, w1aw-list@netcom.com
Subject: URGENT ARRL NEDIV BULLETIN
Sender: owner-w1aw-list@netcom.com
Precedence: list

*****ARRL NEW ENGLAND DIVISION SPECIAL BULLETIN 96-9A*****

QST to all Amateurs

May, 1996

Strafford, VT

NEW ENGLAND DIVISION DIRECTOR
Bill Burden WB1BRE
wb1bre@arrl.org

NEW ENGLAND DIVISION VICE DIRECTOR
Warren Rothberg WB1HBB
wb1hbb@arrl.org

********** 2 Meter AND 70 cm BANDS THREATENED **********

THIS IS NO JOKE!! ARRL HAS LEARNED THAT IN PREPARATION FOR THE WORLD RADIO CONFERENCE IN 1997, REPRESENTATIVES OF THE LOW-EARTH-ORBIT (LEO) INDUSTRY PROPOSED A LIST OF CANDIDATE FREQUENCY BANDS FOR REALLOCATION TO, AND EXCLUSIVE USE OF THE MOBILE SATELLITE SERVICE. THIS LIST INCLUDES 144- 148 MHZ (THE CURRENT AMATEUR 2 M BAND) AND 420-450 MHZ (THE CURRENT AMATEUR 70 CM BAND)!

IF THIS EFFORT WERE TO BE SUCCESSFUL, IT WOULD MEAN THE END OF AMATEUR OPERATIONS ON THESE TWO MOST HEAVILY UTILIZED AMATEUR VHF/UHF BANDS!

I have included the text of Dave Sumner's upcoming editorial for July QST in this bulletin. ARRL, as the principal representative of

Amateur Radio in Washington, is actively pursuing this issue as this bulletin is being written. Dave's call to action is serious!! We could lose these bands if we do not take action now!!

Club presidents and newsletter editors: please make this information available to your membership as soon as possible.

Follows the text of Dave Sumner's July QST editorial:

WRITE NOW!!!!

Get out a pen and paper, or boot up your computer. There's work to be done! Your help is needed to defend two meters and 70 cm. Yes, that's right -- the two most popular and crowded amateur VHF/UHF bands! But don't panic, and don't "go ballistic."

Here's what's happening, and what you can do about it.

The United States is preparing for the 1997 ITU World Radiocommunication Conference, WRC-97. In the past, the public has been able to participate in the preparations for such conferences by responding to FCC Notices of Inquiry. In March, the FCC announced a streamlining of its International Bureau's preparatory processes for WRCs. Under the new scheme, the NOIs have been eliminated in favor of increased emphasis on WRC Advisory Committees.

For WRC-97, a series of Informal Working Groups (IWGs) of the Advisory Committee has been created to address specific agenda items. The output of each IWG will go directly to a joint FCC-NTIA-Department of State Steering Committee of the Advisory Committee. There, draft proposals as received from the IWGs will be reviewed and forwarded to the FCC for possible release as preliminary U.S. proposals for public comment.

In announcing the streamlined WRC preparatory process, the FCC tried to reassure those who might be concerned about reduced opportunities for public participation: "Interested parties should note that input to the Advisory Committee may be sent at any time directly to the Chair of the WRC-97 Advisory Committee; the Chairs of the Advisory Committee's Informal Working Groups; Cecily C. Holiday, the FCC's federal officer of the WRC-97 Advisory Committee,on C. Ladson, the alternate federal officer."

Hold that thought while we shift gears to the substance of the issue.

One of the WRC-97 agenda items includes consideration of possible additional frequency allocations for the mobile- satellite service. So-called "little LEOs," low-earth orbit satellites below 1 GHz, already have allocations. Their proponents claim these are inadequate and are trying for more. The needs of little LEOs are being addressed in IWG-2A, chaired by Warren Richards of the Department of State. The ARRL technical relations staff participates in IWG-2A to represent Amateur

Radio interests.

At the May 7 IWG-2A meeting, an industry representative proposed a list of "candidate bands" for little LEOs. The list includes a number of bands that would negatively impact existing services, and does not include others that would be technically more feasible but to which strong objection from incumbents could be expected -- the point being that some political, rather than purely technical, judgment already has influenced the list.

Incredibly, 144-148 and 420-450 MHz were included on the list! This is the first time in memory that another service has been proposed for the two-meter amateur band. We must make sure it is also the last time.

We do not need to explain to ARRL members the extensive use that is made of these bands by amateurs. The two bands provide the backbone of our local public service communications effort. Voice and data, mobile and fixed, even television -- the list of present amateur uses is a long one, and of future uses is even longer. Both are already used for satellite services and for moonbounce and extended-range terrestrial operations requiring extremely sensitive receivers and high levels of effective radiated power.

Apparently we did need to explain all this to the little LEO industry representatives, so we did just that -- both at the meeting and iup letter on May 15. We also explained that we had to regard the matter as extremely serious. No one with the slightest background in radiocommunication could possibly believe that a mobile- satellite service could be introduced into either band without disrupting existing and future amateur operations. Therefore, we said, if we did not receive assurance that they would be taken off the list of candidate bands by the deadline for this issue of QST, we would have no choice but to bring the matter to the attention of the entire membership.

The response we received was unsatisfactory. In effect, we were told the little LEO industry would consider our views but that until their spectrum needs are satisfied, all bands must remain under consideration.

So, this is a call to action. We must get across to the industry and government participants in IWG-2A that the 144- 148 MHz and 420-450 MHz bands cannot be considered as candidates for mobile-satellite services. We need to drive the point home so forcefully, with so many grassroots responses, that no one is ever tempted to try this again.

Which brings us back to that invitation for "interested parties" to send input "at any time." There's no time like the present! Here are the key addresses, including those of the mobile-satellite industry folks who seem to have started the ruckus:

Cecily C. Holiday, International Bureau, FCC, Washington, DC 20554; choliday@fcc.gov; FAX (202) 418-0748.
Warren G. Richards, Chair, IWG-2A, Department of State, CIP 2529, Washington, DC 20520; richardswg@ms6820wpoa.us-

state.gov; FAX (202) 647-7407.
Tracey Weisler, FCC Rep., IWG-2A, International Bureau, FCC,
Washington, DC 20554; tweisler@fcc.gov; FAX (202) 418-2824.
Mary Kay Williams, Final Analysis, Inc., 7500 Greenway
Center, Ste. 1240, Greenbelt, MD 20770; FAX (301) 474-3228.
Leslie Taylor, LTA, 6800 Carlynn Court, Bethesda,
MD 20817; ltaylor@lta.com; FAX (301) 229-3148.

Do comment. But be civil. Don't abuse people who are simply doing their jobs. We have to get across that casting covetous eyes on amateur bands is counterproductive, and contrary to the public interest. To accomplish this we need a lot of comments, including yours. But remember that the objective is to educate and persuade, not to intimidate. We don't need to. The facts are on our side.

To monitor the FCC's ongoing WRC-97 preparations, visit its WRC-97 home page at: http://www.fcc.gov/ib/wrc97/.

Write now. Right now! -- David Sumner, K1ZZ

Distribution:

To: INTERNET:ARRL-NEDIV-LIST@NETCOM.COM INTERNET:BARC-LIST@NETCOM.COM
INTERNET:EMA-ARRL@NETCOM.COM INTERNET:FIELDORG-L@NETCOM.COM
INTERNET:W1AW-LIST@NETCOM.COM

E-mail from: Don KA0JLF & Cris N0XZB, 29-May-1996

!^NavFont01F0007RGHHd77C611

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: NYOUNG@nova.wright.edu
Subject: [9182] DL resistors, antenna stuff +c
Message-ID: <01I5BXOQKBO28X4D6B@nova.wright.edu>

LB is right about the resistor/heat/value relationship. I build a DL out of some resistors (maybe 1 Watt) that were soldered to a couple disks of circuit board material. The bottom disk (closest the BNC connector) was the ground side. I ran a wire out of the BNC center pin to the top disk and soldered the resistors around the edge of the disk. (Even had a little diode/voltage circuit on the edge just for kix.)

I've used that little dude a couple hundred times on QRP rig

tuneups +c. I discovered early on that even a watt can heat the resistors up over a fairly short time. I'm talking about maybe a couple 30 second hits on the key. At around 7.040. Pretty soon the resistors get almost too hot to touch. And the 51 Ohms that I read when I first put it on the radio has suddenly become less. Even putting a fan on the little thing ain't gonna do that much good. Thus, I keep the key-down stuff short and spaced out.

Ultimately, finding a resistor that looks like 50 Ohms straight on, without any sort of inductance is like trying to catch the proverbial bullet in the proverbial dark with the proverbial pliers. There's always gonna be some chonk of physics and the unified field theory that is gonna make the prospective dummy load do something weird and badger your readings. It's thye Heisenberg thing, actually. YOu can't make reality fit the calculations, no matter how pure you try to make reality or the numbers.

Same goes with antennas. That's why I figure the proof is in the contax. You hear folks and they can hear you, must be doing something right.

Which doesn't explain how I'm gonna find time and patience to put the RadioKit 75m kit what I got from Ed today. I think I'll go out and get a couple more CDs of El Gran Combo de Puerto Rico. Es rico, che. No he escuchado tanta musica en mucho tiempo.

73
Nils
WB8IJN +c

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: meh@cbsms1.cb.att.com (m.e.hartwell)
Subject: [9168] EA4RJ de kd8bj
Message-ID: <199605301748.NAA13087@emsr1.emsr.lucent.com>

Rafael

I have been getting your email messages. I guess the mail from me back to you is being delayed this time. I have faxed the application back to you today.

Marty

PS Sorry for the extra bandwidth, but we have tried to communicate off line.

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: PDouglas12@aol.com
Subject: [9148] Front panel templates for several rigs
Message-ID: <960529234649_403502204@emout09.mail.aol.com>

Gang,

I have been doing front panel labelling overlays for a number of rigs using the simple Windows 3.1 Paintbrush program with some success. (For instance, I have a really nice front done for the original Norcal Sierra with KC1 and VBT and S Meter all fit in the front of the rig. I can remove any of these from the overlay to accomodate less modified front panels. Email me if you are planning to do any of these mods before you go drilling holes, and I can send you a custom front panel--free). These are color labelled panels, laminated into cards that fit over the front panels, held on by the control hardware.

Anyway, I outsmarted myself with the St Louis Tuner. I assumed the front panel rendition in the manual was full scale, and I had planned to use it to make up a front panel for the tuner. Now I've built the tuner, assuming the construction manual had a correctly proportioned suggested front panel.
 Oops, I now realize that the manual rendering is oversized and maybe not even in right proportions. I had enough trouble getting that tuner together, and I don't relish taking it apart to get a template of the holes/knobs for the overlay. Can anyone who hasn't yet put the tuner together stick their front and rear panels on a reasonably accurate 100% scale photocopy machine and send them to me? I will gladly share my St Louis panel coverlays, but do need the correct scale templates.
   Incidentally, lest my comment about the difficulty in building the St Louis Tuner be taken amiss, the tuner itself, now that it is built, deserves the effort of a nice front panel. That is to say, is a typical NorCal effort--worth twice its cost and not easily duplicated by anything on the commercial market. For the first time since I started playing with low power rigs ten years ago, I have a reliable way of measuring SWR and tuning my antennas directly with a QRPp output. All my other MFJ type tuners wanted to see QRO RF before their SWR meters would report reliable info.
So, thanks Doug and Jim and crew.

Preston WJ2V

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Art Searle <asearle@netusa.net>
Subject: [9159] FS Yaesu FT900AT&PS+
Message-ID: <31ADDC34.716B@netusa.net>

Subject: FS Yaesu FT900AT&PS+

I have the following for sale:

Yaesu FT900AT
  Accessories Installed:
    ATU-2 Internal Antenna Tuner
    TCXO-3
    XF-110C 500 Hz 455 KHz IF CW Filter
    XF-110S 2.6 KHz 455 KHz IF SSB Filter
    YF-101 2.6 KHz 2nd IF SSB Filter
    Heil HC-5 installed in Hand Mic
  Other Accessories:
    FP800 20A Power Supply
    CT-26 Mic adapter cable, modular to 8-pin
    FIF-232C Interface for RS-232
    YSK-900 20' Remote Kit
    MMB-20 Mobile Mount

I purchased this radio new July 1995. It has been used mostly for
QRP 4 to 5 watts. I have the original boxes and manuals.

Asking $1,200 including shipping

72, de Art WU2K

WU2K TMPS 1996 Qs=024 States=0 Confirmed=0 DX=023
3B8,6W,8P,9H,9L,EI,ER,ES,EU,F,G,GM,I,HA,HC,HI,LA,LU,OK,OM,ON,SP,UR

--
72,73, de Art Searle, WU2K, Long Is., NY, ARRL Life Member
QRP-L #524, QRP ARCI #9123, NorCal pending, DXCC MX & CW HR
NRA Benefactor Life Member, NMLRA Life Member, AMA Life Member
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: "JOHN F. McCLUN" <JFM001@DENTAL3.AB.UMD.EDU>
Subject: [9154] Gary O'Neil's wish for spectrum analyzer
Message-ID: <199605301157.HAA18670@comm1.ab.umd.edu>

Gary & Gang-

Gary was lamenting about how he doesn't have a spectrum analyzer. Shame on you Gary! :') You have a PC obviously and if you had Bill de Carle's, VE2IQ, Sigma Delta board NOT only could you do audio spectrum analyzing but also Coherent CW. Now what is that you ask. Well if you want mor info on CCW, Bill's spectrum analyzer or the Sigma Delta board check out the FTP site : ftp.clark.net/pub/mcclun. Use the WinZip to view the articles about DSP with PC, PCW (uses the board) and other assorted goodies.

Hey, Gary - might make a CCW convert of you after all. Any one else hear the 1W beacon on 18.102 just before the sprint the ohter night ? Was it really merry old England at less than 1 w levels??

John N3REY
Always QRP! (sometimes CCW!)

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Jeff Gold <JMG@tntech.edu>
Subject: [9173] help
Message-ID: <01I5BLSOR4PE03QXAK@tntech.edu>

Well have a general not working right question.

I recently purchased a Yaesu FT290RII 2 meter all mode. It appears to be working well except that on SSB it puts out very low power compared to the CW and FM. I used a very good station SWR/power meter to confirm and checked the amps it was pulling on the power supply.

I also noticed that the meter built on the rig shows a reasonable level on the other 2 modes and on SSB it doesn't move anywhere near as much, even on voice peeks, whistling.

any suggestions?

72
Jeff, AC4HF

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: ea4aon@ea4rct.clubs.etsit.upm.es
Subject: [9169] INFO -QRP PLUS- PSE !!!
Message-ID: <36083@ea4rct.clubs.etsit.upm.es>

Hello everyone, I'm looking information about the transceiver QRP-PLUS -frecuency range

-coverage
-rf power
-memories
-filters
-price in $ usa
-etc....
  the frecuency range is continuos (30,29,28,27,26,25,24,23,22.....1 Mhz)
tx/rx?

Please, send me ours reply to:

ea4aon@ea4rct.clubs.etsit.upm.es

thanks.....Javi

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Doug Hendricks <ki6ds@telis.org>
Subject: [9150] Jim Cates XYL is Silent Key
Message-ID: <31AD2D1A.5DB@telis.org>

Jim Cates, WA6GER, the co-founder of NorCal QRP Club, was
saddened today by the death of his wife, Electra. Jim and Electra
celebrated their 50th wedding anniversary last fall. Electra battled
Cancer for the past year and a half, and lost the battle today. Jim is
a very private person, and is not taking phone calls. The funeral will
be a private service for the immediate family only.
     I spoke with Jim this afternoon, and he is doing as well as can
be expected.   Please remember Jim and Electra in your thoughts and
prayers. Electra was a wonderful lady and will be missed by all of her
friends and family.
72, Doug, KI6DS

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: ljones@why.net (ljones)
Subject: [9151] NORTEX June Meeting...
Message-ID: <19960530062420499.AAB260@dal18.why.net>

Greetings Gang...

   Please excuse the use of this space, but I must make an announcement.

               ATTENTION NORTEX MEMBERS: THERE WILL BE A JUNE MEETING
               THIS COMING SATURDAY. REGULAR TIME: 10:AM. REGULAR PLACE:

SILICON GRAPHICS, INC. EATS AFTERWARDS.
ANY Q'S, CONTACT ME VIA E-MAIL.

Thanks guys. Sorry about the shouting. This is a short notice announcement and I wanted to get everyone's attention....

72/73

dee-it dee-it

Larry Jones N5OSG <><
4028 Random Circle
Garland Tx 75043-3250

NORTEX QRP-ARCI G-QRP MI-QRP CQC
NorCal NE-QRP QRP-L ARRL NTMS
EM12QU 96.62 W LONG 32.87 N LAT

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: ROYGREGSON@aol.com
Subject: [9153] NW8020's
Message-ID: <960530062615_206718112@emout08.mail.aol.com>

To Kevin KB2TEO ..... Misplaced your e-mail address, The $75.00 is only the NW8020. The filter is $20.00, and $5.00 S&H. No cabinet as yet, but almost ready. It will be painted and screened. And will have a dial decal that has good calibration. The cabinet kit will have all hardware required including knobs, jacks, plugs etc. The idea is nothing else to buy ! The price will be $30.00 when available. Just waiting for the punch set to be finished.
I know what you mean about the canopy. In my younger days, I could put the thing up by myself with no wind to help. I look back and wonder how I did it ?
Thanks for your interest Kevin.
CUL Roy W6EMT

gang, please excuse the extra bandwidth......the memory is the second thing to go with old age ?

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Jerry Parker <jparker@fix.net>
Subject: [9175] Overlays
Message-ID: <2.2.32.19960530220600.00735668@fix.net>

The NorCal Page will provide a place for storing panel art work.

Send as attachment to Jparker@fix.net

You can also get there thru the NorCal Page: http://www.fix.net/norcal.html

72,,,Jerry,,,WA6OWR...K

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: "Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>
Subject: [9163] Phased Verticals 5/8 ths
Message-ID: <Pine.SUN.3.91.960530112136.4339B-100000@strong.Hydro.ON.CA>

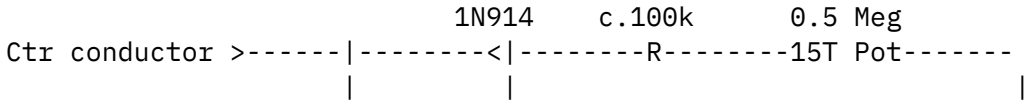
Can I do the 90 degree phasing with 5/8 verticals
the same as 1/4 wave veticals?
I don't see anything in the ARRL Antenna book.
Any thoughts an the radials? Should they touch?
I think the separation is 1/4 lamda (approx.).

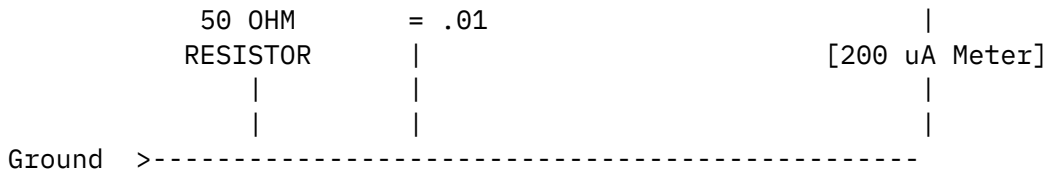
VE3GYY/Peter/Whitby/on/ca
Dreaming of FD

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: "Jerry L. Bartachek" <jbartac@max.state.ia.us>
Subject: [9174] Proper DC Calibration of an RF Dummyload Wattmeter?
Message-ID: <31AE323D.6307@max.state.ia.us>

I have a homebrew dummyload wattmeter which measures peak RF voltage. I Think I am measuring the
RF volts correctly by using the equation: Power = voltage squared / R X 2.

The meter is 200 microamps and has a 0 - 10 scale with lots of neat little 0.2 marks on it.
Attached to the 50 ohm dummy load is a 1N914 diode, a shunt .01 disc ceramic, and a carbon
resistor in series with a 15-turn pot, and then the + lead to the meter.





I initially calibrated the meter in volts (30 volts full scale) by first removing the dummy load
and then placing a DC source across the network INCLUDING the diode. Is this correct? Or should
I have calibrated it by running the DC to the network EXCLUDING the diode? I think it works OK
with my QRP + but I'm afraid my measurement may be off by the amount lost in the diode. But then
that voltage (c. 0.6 volts) is lost in the diode when measuring RF volts across a dummy load with
an RF source anyway, isn't it? Or is my calibration method correct?

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [9165] RF gain conrol/QRP++/MOD
Message-ID: <199605301544.LAA96403@nss2.CC.Lehigh.EDU>

Hello Gang,

After two days of calling and waiting for a return call
from Index, I finally got a hold on Bruce for a nice chat.

He is mailing me a modification for RF gain control that is inserted in
the AGC citcuit. More on that will be posted here as details become
available. Stay tuned.

The R33 notice and accompanying resistor was much appreciated,whereas my
radio didn't have a resistor in the r33 spot at all. Consequently, I listened
to a lot of tshh thhh th tssh , in the WPX contest last weekend. When
adjacent signals were very strong, the missing r33 made for unpleasant
operating. I did have fun though,even when concidering that
I let the smoke out of a 20 meter ARGO 556 module, and Ten Tec is 2 weeks
back ordered.

On a QRP++ related subject: The missing varistor in the front end.
(vr1).

Bruce said the varistor is missing because the new mixer in the QRP++
is stronger than the old modle. He said that the varistor failed before

the mixer did in recent tests on the ++. So they didn't put it in even
though the new boards are silk screend for it.

de AA1IK   N.E.-QRP-C. # 202   (Lead by example, It is better to   )
                  QRP-L member #95.   (pull a string than it is to push it.)
Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
 S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: N5EM@aol.com
Subject: [9171] SLT Dummy Load
Message-ID: <960530161832_207030908@emout08.mail.aol.com>

It was observed that carbon composition resistors for non-inductive loads are
becoming hard to get.

I checked our local emporium. True enough.

Today this is left.

Qty 5, 200 ohm, 2W (Don't even think about it.)

Qty 16 to 18, 240 ohm, 2 W @ $0.50 each.

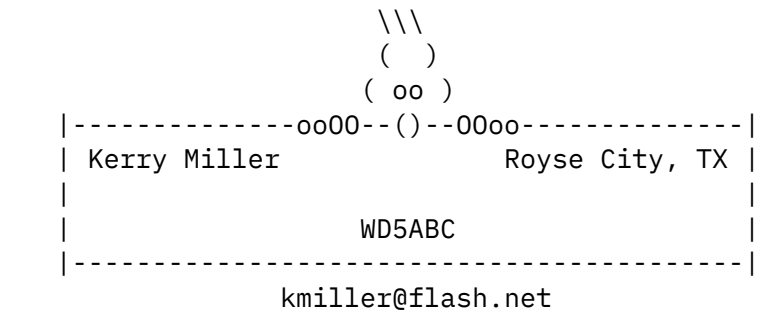
So, if you just HAVE to have carbon comps, let me know. If you are willing
to settle for five 240 ohm resistors (48 ohms for the computationally
impaired) I can get three sets.

Sure has been quiet on the list today. Nils sick or something?

72
Ed

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: "Kerry W. Miller" <kmiller@flash.net>
Subject: [9184] Small Wonder txcvr?
Message-ID: <1.5.4.32.19960531025311.006778f4@mail.flash.net>

I saw a note asking about the Small Wonder board in QST but didn't see any answers. Does anybody have any input about this little rig?
Thanks,
Kerry



From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: PDouglas12@aol.com
Subject: [9160] St Louis templates--thanks have them coming
Message-ID: <960530104119_313934014@emout12.mail.aol.com>

Thanks ladies and gents. I have a set of full sized panels and even some art work to work from coming from several sources. Thanks everyone. I will post availability of the finished panels in Paintbrush format or by snail mail when they are ready.

72,

Preston WJ2V

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: lve1@inel.gov (Larry V East)
Subject: [9158] St. Louis Tuner Dummy Load
Message-ID: <2.2.16.19960530143113.34ef15c4@eloi>

>From a recent post:
>
>I have come to the same conclusion that the high reverse SWR indication on
>the St. Louis Tuner dummy load setting is an anomaly due to the proximity of
>the load to the sensors, which can be safely ignored.
>

Part (or all) of the problem may be due to the ground trace from the dummy load on the PC board passing close to the SWR components -- transformers, diodes, etc. In the interest of a better heat sink, I am mounting my dummy load away from the PC board by soldering the resistors to a couple of brass strips. One strip will be attached by screws to the bottom cover, and the RF connected to the other. I haven't got it all together yet, so don't yet know how or if this will affect the "reflected power" problem. Stay tuned... (pun intended!)

72, Larry W1HUE/7

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Doug Hendricks <ki6ds@telis.org>
Subject: [9170] Sympathy Cards for Jim Cates
Message-ID: <31ADF366.5696@telis.org>

I have been inundated with responses on the passing of Jim Cates wife. Please do not send flowers, as he does not wish any. The most appropriate response is to send Jim a short note. His address is:

     Jim Cates
     3241 Eastwood Rd.
     Sacramento, CA
     95821

Thank you for caring. It means a lot to both of us. 72, Doug

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: pcw12@ix.netcom.com (Phil Wheeler)
Subject: [9155] Vanity Lisencing
Message-ID: <199605301354.GAA17474@dfw-ix1.ix.netcom.com>

I suppose this is old news, but Gate 1 opens tomorrow.

I will use it to get my original call (w7uox) -- not reissued after 35 yrs -- back. Bit of nostalgia there (got it when I was 16 yrs old). Also, I like it better on CW. Truth is I have never sent 6's all that well; embarassing to botch your own call on CW!!

Phil w6tuh (soon(??) w7uox, I hope)

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: "Edward J. Warhover" <kf9xy@apci.net>
Subject: [9183] Wilderness Radio discount
Message-ID: <199605310148.UAA00720@hilly.apci.net>

Thanks to all who responded to my question about the special discount order forms for Wilderness kits from Dayton. I ordered mine this morning.

73, Ed KF9XY

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: lve1@inel.gov (Larry V East)
Subject: [9162] RE: "Codebeep"
Message-ID: <2.2.16.19960530144812.2bc772ce@eloi>

>
>Did anyone else get this "codebeep"
>file and what is it? I havent done anything
>with it yet. I dont like suprises via email
>if you know what I mean?!
>
Yep, I got it, and promptly deleted it as I don't like "surprises" either...
It was claimed to be some sort of code learning tool.

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Stanley Wilson <microres@crl.com>
Subject: [9178] Re: 2SC799 needed
Message-ID: <Pine.SUN.3.91.960530172142.17750A-100000@crl8.crl.com>

You can use a 2n3866 or 2n3553. I have 2n3866 in mine and they work very well. de stan ak0b

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: bmitchel@kodak.com (Brad Mitchell)
Subject: [9156] Re: Front panel templates for several rigs
Message-ID: <9605301401.AA09996@iiatasun.cba.Kodak.COM>

Preston Douglas Wrote: (lots deleted)

Gang,

I have been doing front panel labelling overlays for a number of rigs using the simple Windows 3.1 Paintbrush program with some success. (For instance, I have a really nice front done for the original Norcal Sierra with KC1 and

etc.

==========

After having made several overlays for the AK-1, it became apparant that if there was a place to archive these templates, for everybody to access, that would be great. The format of course would be the issue.
IE: what format would work with a package that most would have like paintbrush.
Anyway, I really would like to see all the work that people do, and be able to share it as well.

Just a thought.
73 Brad WB8YGG

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: launerb@crl.com (William H. Launer)
Subject: [9164] Re: Front panel templates for several rigs
Message-ID: <v01520d01add36fc5e9a6@[192.0.2.1]>

I would recommend panel overlay files be archived in either PICT or GIF format. These formats are readily displayed across platforms (Macs, as well as DOS/Windows machines)with readily available S/W.

73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279   qrp arci #3551

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [9166] Re: Front panel templates for several rigs
Message-ID: <96May30.115632-0400edt.65558-14099+64@hooch.CC.Lehigh.EDU>

>After having made several overlays for the AK-1, it became apparant that
>if there was a place to archive these templates, for everybody to access,
>that would be great. The format of course would be the issue.
>IE: what format would work with a package that most would have
>   like paintbrush.
> Anyway, I really would like to see all the work that people do,
>and be able to share it as well.

  We will never agree on a format, so upload what you have and others will do the conversions and we'll store those too. You can anonymous FTP to ftp://ftp.lehigh.edu/pub/listserv/qrp-l/incoming and then e-mail me to let me know there's something there and I'll move it to a permanent home. Or UUEncode the file(s) and e-mail to me.

73
Jim N3VXI

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Dick G0BPS <Dick@kanga.demon.co.uk>
Subject: [9152] Re: Mods for Index Labs QRP Plus (original)
Message-ID: <jGQMLIANYfqxEwY4@kanga.demon.co.uk>

In message <199605300112.BAA27466@mailhost.worldnet.att.net>, cc wynn <wyn@worldnet.att.net> writes
>I met a ham today, W3IVH, Doug who has a QRP +. I was telling him about
>some mods I had seen on here and he wanted to get a list. I downloaded
>the --Berlin.Z list from /qrp-l/mods but thought there must be more.
>I thought Larry East W1HUE/7had done some mods. Is anyone specializing in
>archiving QRP+ mods?

I have a sheet of mods for the QRP Plus, including the Berlin mods.

I am happy to copy these and post them. A couple of IRC's should do it.

TTFN de ...
>

Dick G0BPS / G0ROO http://ukinternet.com/ham/kanga
Kanga Products The UKs leading QRP kit supplier

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9179] Re: Phased Verticals 5/8 ths
Message-ID: <Pine.SOL.3.91.960530203034.26946A-100000@utkux4.utcc.utk.edu>

On Thu, 30 May 1996, Peter C. Wotherspoon wrote:

> Can I do the 90 degree phasing with 5/8 verticals
> the same as 1/4 wave veticals?
> I don't see anything in the ARRL Antenna book.
> Any thoughts an the radials? Should they touch?
> I think the separation is 1/4 lamda (approx.).

Peter,

Yes, you can phase 5/8 wl verticals at 90 degrees. Ran a test case through NEC-2 (hastily set up, so it may not be optimal) for 10 meters. A single 5/8 wl vertical (over "perfect ground") yielded a gain of about 8.4 dBi. A pair of identical antennas with a 90-degree transmission line ran about 11.8 dBi, with a front-to-back ratio of 9.6 dB and a very broad directional lobe of 156 degrees between half-power decrease points. Approximating these figures will, of course, depend on the quality of your ground system, although the pattern shape should hold up. Experiments with exact phasing could improve the F-B ratio. However, except for gain (about 3 dB better than quarter-wl verticals), relative change in pattern is about the same with 1/4 wl and 5/8 wl verticals.

Use standard quarter wl radials (adjusted in length via the best advice from ARRL and RSGB). Each radial system is independent, but should be equal in quality. No need for them to touch (and if each is 1/4 wl long, they won't). Expect to spend some time with matching, as 5/8 wl verticals are quite reactive.

Hope this is useful to you.

-73-

LB, W4RNL

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: g0rtx@mtlgw.ampr.org
Subject: [9181] RE: Pse want to subscribe
Message-ID: <5577@mtlgw.ampr.org>

From: Ravi / G0RTX
Home PBBS: G0RTX@HB9IAP.SROM.CHE.EU   [Geneva]
E-mail to: G0RTX@MTLGW.AMPR.ORG

TO: CO-ORDINATOR OF L-QRP FORUM

Hello,
Could you pse. put me on the forum's mailing list so as to receive bulletins
from time to time. Also I will like to have info regarding how to send my
info & opinions to the forum.
Thanks in advance. Ravi.

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Harvey Winters <ve1hdw@fox.nstn.ca>
Subject: [9176] Re: SLT Dummy Load
Message-ID: <1.5.4.32.19960530230856.006634e4@fox.nstn.ca>

At 16:18 30/05/96 -0400, N5EM@aol.com wrote:

>So, if you just HAVE to have carbon comps, let me know. If you are willing
>to settle for five 240 ohm resistors (48 ohms for the computationally
>impaired) I can get three sets.

If I am lucky and get to you before someone else :(
I sure would like to have five of those 240 ohm 2 watts.
Let me know price here includeing postage and will get it right
out to you Ed.

Many Thanks in advance.

72   de   Harvey
Harvey D Winters VE1HDW
G-QRP 8973 CQC 177 QRP-ARCI 8963
QRP-L 115 New England NE397

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9177] Re: SLT Dummy Load
Message-ID: <Pine.SOL.3.91.960530194901.24455B-100000@utkux4.utcc.utk.edu>

Those planning to use multi-carbon-resistor dummy loads should review some of the literature before using them. Construction recommendations usually include the suggested use of a disk at either end and a little space between adjacent resistors to keep the heat entrapment down and the lead inductance down. An expanded perf-metal cage works well for shielding, with minimal leads for the coax connector end and the ground end. Even a little detectable heat can change resistor values, and it does not take anywhere near the resistor power rating to yield detectable heat. Other construction ideas can give the same results--so be creative within the limits of minimal practical lead length and minimally inductive lead assemblies.

-73-
LB, W4RNL

From owner-qrp-l@lehigh.edu Thu May 30 23:39:37 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [9157] RE: Vanity Lisencing
Message-ID: <D369AD3101172C16@mhsgate.meth-mem.org>

>I will use it to get my original call (w7uox) -- not reissued after 35
>yrs -- back. Bit of nostalgia there (got it when I was 16 yrs old).
>Also, I like it better on CW. Truth is I have never sent 6's all that
>well; embarassing to botch your own call on CW!!
>
>Phil w6tuh (soon(??) w7uox, I hope)
>
._.   ._.   Me too, hi hi. I have a fit with "6" on SK and iambic. Still have problems wid "Y" on SK. Your new(old) call does key better!
cul de Mike, KR4IT (keys great! es is a keeper)